

Table. 1

RBR_id	key	category	seg	type	s_v_m	s_v_s	a_v_m	a_v_s	text	interpretation	clarify
IMS-0340#A	5491	mission essential	SDPS	functional	inspection	un-verified	demo	un-verified	The metadata maintained by the IMS shall contain content-based summary information, including statistical summaries and granule features, for all ECS standard and special products.		<u>Metadata as provided by the science processing software.</u>
IMS-0455#A	5504	mission essential	SDPS	functional	test	un-verified	test	un-verified	The IMS shall accept and validate new metadata from the DADS reflecting changes as a result of: b. Transfers c. Unexpected loss d. Restoration of data after recovery from loss		
IMS-0500#A	5508	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	The IMS shall provide access to information to include at a minimum: a. Metadata f. Processing schedules g. Documentation i. Science Processing Library software j. Documentation on data format and metadata standards		<u>The term plan and schedule are the same. Candidate plan are provided through document server.</u>
IMS-0510#A	6478	mission critical	SDPS	interface	demo	un-verified	inspection	un-verified	The IMS shall provide tools for research planning and data search, to include at a minimum: a. Data acquisition schedules and plans b. The capability to map specified geophysical parameters to the appropriate instrument and/or Standard Product c. Descriptive information on		

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									instruments and geophysical parameters available in Standard Products d. Climatology information f. Geographic reference aids g. Spacecraft location projections.		
IMS-0550#A	5512	mission fulfillment	SDPS	functional	demo	un-verified	demo	un-verified	The IMS shall allow a user to locate and identify desired data without detailed knowledge of the ECS's: a. Architecture b. Data Base management system c. Data Base structure d. Query languages e. Data formats		<u>V0 IMS protocol supports RbR transparency of Architecture, Data Base management system, Data Base structure, Query languages, and Data formats.</u>
IMS-0740#A	6481	mission essential	SDPS	functional	demo	un-verified	test	un-verified	The IMS shall provide the capability for users to generate and update requests for one-time orders or standing orders for the DADS to distribute DADS archive holdings to include, at a minimum, Standard Products, Standard Product software, spacecraft housekeeping and ancillary data.		Release A not to provide standard product software. <u>Users interface to DAAC operators via email or telephone who place subscription requests on part of users. Update subscription requests are done by deletions of original or submit of new. The one time order cancel and change privately only via operator.</u>

IMS-0760#A	5530	mission essential	SDPS	security	test	un-verified	test	un-verified	The IMS shall access distribution criteria for each data product and data product software and compare the distribution criteria to the requester's data access rights to verify that the data and software can be distributed as requested.		<u>Distribution criteria is data access rights.</u>
IMS-1290#A	6774	mission essential N/A procedural	SDPS N/A procedural	procedural operational	inspection not verified by ECS	un-verified N/A procedural	inspection not verified by ECS	un-verified N/A procedural	The IMS shall send a product order to an ADC or an ODC with the identification of the destination DADS and suggested shipping deadline for data required for product processing.	.	For release A product orders placed by telephone. ECS Polls NOAA for required data.
IMS-1490#A	5555	mission essential	SDPS	functional	test	un-verified	test	un-verified	The IMS toolkit software shall provide users, including those working from ICCs and ISTs, with the capability to locally construct the requests for IMS services, forward the requests to the IMS server, and obtain request results.		<u>ISTs and ICCs are done by Rel B.</u>
IMS-1700#A	5569	mission essential	SDPS	functional	test	un-verified	test	un-verified	The IMS shall provide the capability to generate reports on: a. The backlog of data distribution requests b. The backlog of processing requests c. The backlog of data acquisition requests d. Data quality assessment e. Daily IMS operations summaries f. IMS performance summaries		<u>Core metadata includes the quality assessment data.</u>

IMS-1740#A	5572	mission essential	SDPS	functional	test	un-verified	test	un-verified	The IMS shall produce cross reference reports (by user and data set) of processing performed, data sets produced, supporting data used, and data recipient.		<u>Ad hoc processing is not done in Release A.</u>
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IMS-1080#A	-6482	mission essential	SDPS	functional	demo	un-verified	test	un-verified	The IMS shall accept requests for acquisition of data to be processed one time or as standing orders.		

Table 2. Level 4 to RbR Link Deletions

RbR Requirement	Level 4- Requirement
IMS-0460#A	S-DSS-00720
IMS-1080#A	S-DSS-01630
IMS-1080#A	C-CSS-40140
IMS-1080#A	S-DSS-01640

Table 3. Level 4 to RbR Link Additions

RbR Requirement	Level 4- Requirement
IMS-1650#A	<u>C-MSS-66100</u>
IMS-1650#A	<u>C-MSS-67000</u>
IMS-1665#A	<u>C-MSS-18330</u>
IMS-1665#A	<u>C-MSS-36090</u>